Project Introduction

The system proposed in this effort will allow the handicapped individual with hand/arm motor impairment to use the computer and access digital libraries on the Internet and in internal networks in a more effective manner. Furthermore, the system allows full use of the actual keyboard and mouse so that terminals enabled with the proposed software are still useful for the general public. Because of supporting internal IR&D, in Phase I we will create a complete pre-production prototype and Cybernet will initially provide this system free of charge for download from NASA digital library sites (as a NASA public service to the profoundly handicapped).

Primary U.S. Work Locations and Key Partners

Organizations Performing Work	Role	Type	Location
⭐Goddard Space Flight Center(GSFC)	Lead Organization	NASA Center	Greenbelt, Maryland
Cybernet Systems Corporation	Supporting Organization	Industry	Ann Arbor, Michigan

Primary U.S. Work Locations	
Maryland	Michigan

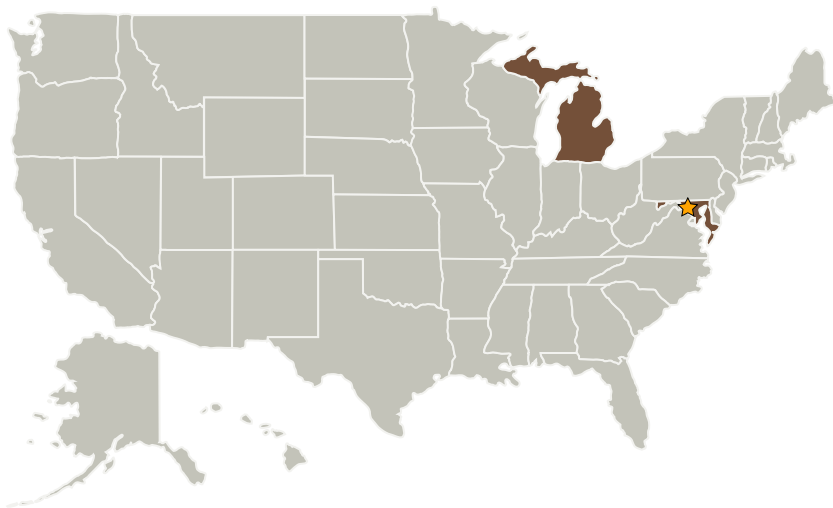Enabling Access to Digital Media for the Profoundly Disabled, Phase I

Table of Contents

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Goddard Space Flight Center (GSFC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Glenn Beach

Technology Areas

Primary:

- TX06 Human Health, Life
  Support, and Habitation
  Systems
  └ TX06.2 Extravehicular
    Activity Systems
    └ TX06.2.3 Informatics
      and Decision Support
      Systems